

HITG.053PA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

17264 U.S. PTO
09/30/03

Applicant:

CHAU et al.

Docket:

HSJ920030026US2

Title:

(HITG.053PA)

METHOD FOR IMPROVING HARD BIAS PROPERTIES OF LAYERS IN A
MAGNETORESISTIVE SENSOR

CERTIFICATE UNDER 37 CFR 1.10

Express Mail® mailing label number: EL 981389849 US
Date of Deposit: September 30, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail
Post Office To Addressee' service under 37 CFR 1.10 and is addressed to the Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450.

By: *Kathleen McDevitt*
Name: Kathleen McDevitt

MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

31109 U.S. PTO
10/675126

093003

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet containing Certificate under 37 CFR 1.10.
- ☒ Patent Application: Pages Numbered 1-21, with 1pg. Abstract; 22 claims.
- ☒ 6 sheets of formal drawings, having Figures 1-7.
- ☒ An executed Declaration, 4 pages.
- ☒ Assignment of the invention to Hitachi Global Technologies Netherlands B.V., Recordation Form Cover Sheet.
- ☒ An Information Disclosure Statement (2 pages); and PTO Form 1449.
- ☒ Please charge Deposit Account No. 50-2587 (HSJ920030026US2) in the total amount of \$786.00 for payment of the Filing Fee and \$40.00 for payment of the assignment recordation.
- ☒ Please charge/credit Deposit Account No. 50-02587 (HSJ920030026US2) for any deficiencies/overpayments.
- ☒ 2 Return Postcards

The fees are calculated as follows:

Assignment Recordation Fee = \$40.00

Basic Filing Fee = \$750.00

Fee for total number of claims in excess of 20 = $\$18 * (22-20) = \36.00

Fee for total number of independent claims in excess of 3 = $\$84 * (3-3) = \0.00

Total filing fee due = \$786.00

CRAWFORD MAUNU PLLC
1270 Northland Drive, Suite 390
St. Paul, MN 55120
(651) 686-6633

By: *David W. Lynch*
Name: David W. Lynch
Reg. No.: 36,204